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Substitute of form 1449/PTO

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INFORMATION DISCLOSURE STATEMENT BY
APPLICANT

Application Number	10/769,579
Filing Date	January 30, 2004
First Name Inventor	James W. Schumm
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	016026-9238-02

(use as many sheets as necessary)

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
JG	4,683,195	Mullis et al	Jul., 1987
	4,683,202	Mullis et al.	Jul., 1987
	5,364,759	Caskey et al.	Nov., 1994
	5,843,660	Schumm et al.	Dec., 1999
	5,683,202	Mullis	Jul., 1987
	5,192,659	Simons	Mar., 1993
	5,422,252	Walker et al.	Jun., 1993
	5,783,406	Schumm et al.	Jul., 1998
	6,221,598	Schumm et al.	Apr., 2001
	5,674,686	Schumm et al.	Oct., 1997

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
JG	PCT	WO 93/18177	Fortina and Surrey	Sep., 1993		
JG	PCT	WO 93/18178	Fortina and Surrey	Sep., 1993		
JG	PCT	WO 96/10648	Promega Corporation	Apr., 1996		

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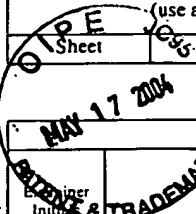
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.

JG		Alford, R.L., <i>et al.</i> , "Rapid and Efficient Resolution of Parentage by Amplification of Short Tandem Repeats" <i>Am. J. Hum. Genet.</i> (1994) 55: 190-195.
		Anker, R., <i>et al.</i> , "Tetranucleotide Repeat Polymorphism at the Human Thyroid Peroxidase (hTPO) Locus," <i>Human Molecular Genetics</i> (1992) 1(2):137.
		Attachment #1, Sequence Alignments for SEQ ID No: 1, 2, 7, 8, 11, 15, 16, 19, 20, 27, and 28.*
		Ballabio, A., <i>et al.</i> "PCR Test for Cystic Fibrosis Deletion" <i>Nature</i> (1991) 343: 220.
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		Bever, R. A., <i>et al.</i> , "Validation and Utilization of Commercially Available STR Multiplexes for Parentage Analysis," <i>Proceedings from the Fifth International Symposium on Human Identification</i> 1994 (1995) pp. 61-68.

Examiner
Signature

/Jeanne Goldberg/

Date
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07/14/2006

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JG		Brunk, C.F., <i>et al.</i> , "Assay for Nanogram Quantities of DNA in Cellular Homogenates" <i>Anal. Biochem.</i> , (1979) 92: 497-500.
		Caetano-Anolles, G., <i>et al.</i> , "DNA Amplification Fingerprinting Using Arbitrary Oligonucleotide Primers," <i>Applied Biochemistry and Biotechnology</i> (1993) 42:189-200.
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↓		Edwards, A., <i>et al.</i> , "DNA Typing and Genetic Mapping with Trimeric and Tetrameric Tandem Repeats" <i>Am. J. Hum. Genet.</i> (1991) 49: 746-756.

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JG		Edwards, A., <i>et al.</i> , "Genetic Variation at Five Trimeric and Tetrameric Repeat Loci in Four Human Population Groups" <i>Genomics</i> (1992) 12: 241-253.
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↓		Fregeau, C.J., and Fourney, R.M., "DNA Typing with Fluorescently Tagged Short Tandem Repeats: A Sensitive and Accurate Approach to Human Identification" <i>BioTechniques</i> (1993) 15(1): 100-119.

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				Filing Date	January 30, 2004
				First Named Inventor	James W. Schumm
				Group Art Unit	1645
Sheet	4	of	10	Examiner Name	
				Attorney Docket Number	016026-9238-02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
JG		Fuentes, J. J., <i>et al.</i> , "Genetic Variation Of Microsatellite Markers D1S117, D11S35, D6S89, APOC2, and D21S168 in the Spanish Population," <i>Int. J. Leg. Med.</i> (Spring 1993) 105:271-277.
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		Genbank Accession No: M28420, 1987.*
		Genbank Accession No: M64554, 1990.*
✓		Genbank Accession No: M68651, 1992.*

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JG		Genbank Accession No: M87312, 1992.*
		Genbank Accession No: V00481, 1983.*
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JG		Hochmeister, M., <i>et al.</i> , (1996) "Using Multiplex PCR Amplification and Typing Kits for the Analysis of DNA Evidence in a Serial Killer Case" <i>J. Forensic Sci.</i> 41:155-162.
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		Kimpton <i>et al.</i> "Evaluation of an automated DNA profiling system employing multiplex amplification of four tetrameric STR loci" <i>Int. J. Leg. Med.</i> , vol. 106, p. 302-311, 1994.*
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↓		Kobayashi, Y., "A Method to Cast Thin Sequencing Gels" <i>BRL Focus</i> (1988) 10: 73-74.

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↓		Nakamura, Y., <i>et al.</i> , "Variable Number of Tandem Repeat (VNTR) Markers for Human Gene Mapping" <i>Science</i> (1987) 235: 1616-1622.

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		Patel, P.I., <i>et al.</i> "Organization of the HPRT Gene and Related Sequences in the Human Genome: <i>Somat Cell Mol. Genet.</i> (1984) 10: 483-493.	
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Examiner Signature	/Jeanine Goldberg/	Date Considered	07/14/2006

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				Application Number	10/769,579
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	January 30, 2004
				First Named Inventor	James W. Schumm
				Group Art Unit	1645
				Examiner Name	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
JG		Sambrook <i>et al.</i> , "Molecular Cloning – a laboratory manual" (1989) 2 nd edition, Cold Spring Laboratory Press.
		Schmalzing, D. <i>et al.</i> , (1999) "Two-color Multiplexed Analysis of Eight Short Tandem Repeat Loci with an Electrophoretic Microdevice," <i>Anal. Biochem.</i> 270:148-152.
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		Schumm, J. W., <i>et al.</i> , "Development of Nonisotopic Multiplex Amplification Sets for Analysis of Polymorphic STR Loci," <i>Proceedings from the Fourth International Symposium on Human Identification</i> (1993) pp. 177-187.
		Schumm, J. W., <i>et al.</i> , "Validation of Multiplex Polymorphic STR Amplification Sets Developed for Personal Identification Applications," <i>Proceedings from the Fifth International Symposium on Human Identification</i> 1994 (1995) p. 49.
		Schumm, J., <i>et al.</i> , "Construction and Use of Allelic Ladders for the STR Systems HUMTH01, HUMCSF1P0 and HUMFESFPS," <i>Second International Symposium on the Forensic Aspects of DNA Analysis</i> , Forensic Science Research and Training Center FBI Academy, Quantico, VA, pp. 12-13 and Abstract (1993).
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JG		Thomson, J., <i>et al.</i> , (1999) "Validation of Short Tandem Repeat Analysis for the Investigation of Cases of Disputed Paternity," <i>Forensic Sci. Int.</i> 100:1-16. (Abstract--Downloaded from NCBI PubMed).
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